Attachment 2 – EPA Energy Guidebook Workshop

Sustainable Energy Management For Wastewater Treatment Facilities EPA Energy Guidebook Workshop

University of Rhode Island Graduate School of Oceanography Coastal Institute Building 218 South Ferry Road Narragansett, RI 02882 401-874-6222



April 1, 2009 8:30 AM – 3:00 PM

MEETING AGENDA

8:30 – 8:45 AM Welcome and Opening Remarks:

> Narragansett Bay Commission Environmental Protection Agency Rhode Island Department of Environmental Management

8:45 – 10:00 AM <u>Plan-Do-Check-Act Process – EPA Energy Guide Book</u>

Rhode Island Manufacturing Extension Services – John Gilheeney

10:00 - 10:15 AM Break

10:15 AM – 12:00 PM <u>Plan-Do-Check-Act Process – EPA Energy Guide Book - continued</u>

Rhode Island Manufacturing Extension Services – John Gilheeney

12:00 PM – 1:00 PM - Lunch Provided Energy Star Portfolio Manager Demonstration

Narragansett Bay Commission – Barry Wenskowicz

1:00 PM – 3:00 PM Group Discussion and Project Planning

Intended Audience: This workshop is designed for Wastewater Treatment Facility personnel responsible for energy use and/or management including but not limited to: facility managers and superintendents, and engineering, operations and maintenance staff.

Project Partners

Narragansett Bay

Commission

James McCaughey

401-461-8848 x 352

imccaughey@narrabay.com

University of Rhode Island

Dr. Gene Park, PhD.

401-222-4700 x 4415

park@egr.uri.edu

RI Department of

Environmental

Management

Dr. Richard Enander, PhD.

401-222-4700 x 4411

richard.enander@DEM.RI.GOV

RI Manufacturers Extension

Services

John Gilheeney

401-270-8896 x 406

jgilheeney@rimes.org

EPA Region I

Gina Snyder

617-918-1837

Snyder.gina@epamail.epa.gov

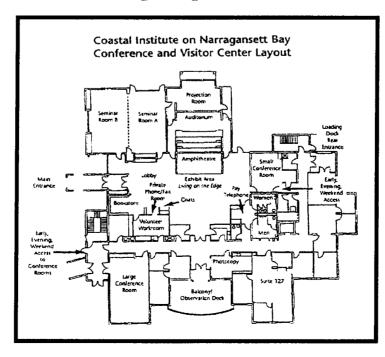
URI Graduate School of Oceanography Coastal Institute Building 218 South Ferry Road Narragansett, RI 02882 (401) 874-6222



Please park in the Lower Parking Lot

Coastal Institute Building

Enter the building through the Bookstore Entrance.



DIRECTIONS to the URI Graduate School of Oceanography, Coastal Institute Conference Center

From the West:

Via Rt. 1. Interstate 95N to Exit 92 in Conn. Right turn after leaving expressway, then about 1.5 mi. on Conn. 2 to 78. Take Rt. 78E (a barrier divides the roadway) 4 mi. to Rt. 1N in Westerly, R.I. Go left on Rt. 1N for about 27 mi. to intersection of Rts. 1 and 138. Make a right onto Bridgetown Rd. Continue to next traffic signal (intersection of Bridgetown Road and Scenic 1A). Cross intersection onto South Ferry Rd. Continue past South Ferry Industrial Park on the right and South Ferry Church on the left. The sign for the Coastal Institute Conference Center will be on your left. Please continue downhill to park in the Lower Parking Lot (last parking lot on your right).

Via Rt. 138. Interstate 95N to exit 3A in R.I. (Kingston exit). Turn right off exit ramp onto Rt. 138E (Kingstown Rd.). Continue on 138 (passing the University's Kingston Campus on the left) to Rt. 1 and cross the junction onto Bridgetown Rd. Continue on Bridgetown Rd. to South Ferry Rd. Continue past South Ferry Industrial Park on the right and South Ferry Church on the left. The sign for the Coastal Institute Conference Center will be on your left. Please continue downhill to park in the Lower Parking Lot (last parking lot on your right).

From the North:

Interstate 95S toward N.Y. and Narragansett. (From T.F. Green Airport, follow the Airport Connector signs to join 95S at exit 13.) Continue on 95S to Exit 9 and exit in left lane off highway onto Rt. 4S. Continue to Rt. 1 and the junction of Rt. 138W. Take a left at the tower onto Bridgetown Rd. Continue to South Ferry Rd. Continue past South Ferry Industrial Park on the right and South Ferry Church on the left. The sign for the Coastal Institute Conference Center will be on your left. Please continue downhill to park in the Lower Parking Lot (last parking lot on your right).

From the East:

Rt. 195 to 24S to 138W. Cross Newport (toll \$2) and Jamestown Bridges. Take the first exit after the bridge onto Rt. 1A toward Narragansett. Continue south to the first traffic signal and make a left onto South Ferry Rd. Continue past South Ferry Industrial Park on the right and South Ferry Church on the left. The sign for the Coastal Institute Conference Center will be on your left. Please continue downhill to park in the Lower Parking Lot (last parking lot on your right).

NBC State Innovation Grant Project Guidebook Training Wednesday April 1, 2009 8:30 AM - 3:00 PM

Name	Affiliation	Phone #	
NATT CAlderisk	towny Brustol	253-8877	MATTCALL
James Dynat	Beta Group, hc. / Town of April	333-2382	jdyment@
RICHARD ESTEN	EITT OF NEWPONT UTILITIES	·	RESTENCE
JIM LAUZON	NEWFORT WACF MGR	845-2000	JAMES LAUZ
Barbara Cesaro	RIDEM/OAR	222-2808 ×7019	Barbara
Joe Buky	WSA -	468-4724	joel.f.
JANINE BURKE	WARNICK SEWER	738-0354	janino.L.
Karen Goffe	Veolia Water	231-1506	Karen. q
CARMINE GIONECONTE	NARR BAY COMM - FP	461-88484210	CGonecon.
200 MOGN	Q.D.C.	296-0044 EST.	RMORTH
Bic HAMERITOS	Q.O.C.	"221	BHACKTO
Scott Duerr	United Water Westerly		Scott.D
John Martin	BURRIllulla Sewa Gmmission		
Paul Robertson	Town of James town	401-423-7295	NM Farm 0
Douglas Ovellette	Town of JamesTown		_

918-934-4875 Madeline_Snow@und.pde Town of WEST WARNIER 8 22-9238 OCHONZITANOS WESTWARMICKET. W.WARWICK WUTH 822-9228 FLORIDGERALIARVICKET, ORG. Tain of NAVIAGENIEST 782-0682 DNETHEROLD MUNICITY NET 222-4700 alex. Pinto @dem. ri. gou Doisbape south us strushi, con Marr. Puplia @ dow. ri. dov E-Mail 232-4700 · Town of South Kingstown 188-4772 Phone # Was lovel Al Den Affiliation PE DEM Madellue Shan TENER ELORIDGE Dauglas Netherlan DAVIN CHORLTON Name Burnera Bishop Alex Pinto MATT Public



Work Shop Attendee List

7:11 C	j			
racility	First Name	Last Name	Phone	e-mail
West Warwick Regional WWTF	Dave	Chorlton	822-9228	dchoriton@washaewiori ora
Jamestown Sewer Division	Paul	Robertson	423-7295	nmfarm@cox net
United Water	James	Lauzon		iames lauzon@unitedwater com
Warwick Sewer Authority	Joel	Burke	739-4949	ioel.f.burke@warwickri com
Burrillville WWTF	John	Martin	568-9463	imartin@hurrillville ord
West Warwick Regional WWTF	Peter	Eldridge	822-9228	peldridge@westwarwickri ord
West Warwick Regional WWTF	David	Choriton	822-9228	dchorlton@westwarwickri ord
Bristol Sewer Commission	Mathew	Calderiso	253-8877	mattcalderiso@vahoo.com
Narragansett Bay Commission - Field's Point WWTF	Carmine	Goneconte	461-8848	cdoneconte@narrabay.com
Narragansett - Scarborough WWTF	Douglas	Nettleton	782-0682	dnettleton@muni.ri.net
Jamestown Sewer Division	Douglas	Ouellette	423-7295	douellette419@vahoo.com
Newport Utilities	Richard	Esten	845-5602	restin@citvofnewport.com
Quonset WWTF	Vasilois	Harritos	295-0044 x 224	vharritos@adcri com
Quonset Point WWTF	Rob	Norton	294-0044 x 262	rnorton@adcri.com
South Kingstown Regional WWTF	Bernard	Bishop	788-9772	bbishop@southkingstownri.com
Veolia Water	Karen	Goffe	231-1506	karen.goffe@veoliawaterna.com
Warwick Sewer Authority	Janine	Burke	739-4949	janine.l.burke@warwickri.com
EMS Services Program	Madeline	Snow	617-817-5111	madeline snow@uml.edu
EPA Kegion I	Gina	Snyder	617-918-1837	snyder.gina@epa.gov
Narragansett Bay Commission - Field's Point WWTF	James	McCaughey	461-8848 x 352	imccaughey@narrabay.com
Narragansett Bay Commission - Field's Point WWTF	Barry	Wenskowicz	461-8848	barry.wenskowicz@narrabay.com
Narragansett Bay Commission - Field's Point WWTF	David	Aucoin	461-8848	daucoin@narrabav.com
University of Khode Island	Eugene	Park	874-4303	park@egr.uri.edu
Knode Island DEM	Alex	Pinto	222-4700	alex.pinto@dem.ri.gov
Knode Island DEM	Matt	Puglia	222-4700	bill. patenaude@dem.ri.gov
Montal	James	Dyment	333-2382	idynent@beta-inc.com
Westerly	Scott	Duerr	596-2847	scott.duerr@unitedwater.com

Sustainable Energy Management for Wastewater Treatment Facilities - EPA Energy Guidebook University of Rhode Island Graduate School of Oceanography Coastal Institute Building

April 1, 2009 8:30 AM - 3:00 PM Evaluation Form and Questionnaire

Knowledge/Interest Assessment

Topic	Current Knowledge Level Average Rating	Interest In Learning More Average Rating
Solar Energy:	2.00	4.08
Energy Efficient Lighting:	3.08	4.00
The ENERGY STAR Benchmarking tool:	1.67	3.92
Premium Energy Efficient Motors:	3.08	3.92
Wind Energy:	2.08	3.83
The ENERGY STAR Portfolio Manager:	1.67	3.75
Variable Frequency Drives:	3.08	3.75
Energy Efficient Aeration Systems:	2.75	3.75
Energy Bills (Supply and Demand Costs):	2.17	3.67
Energy Efficient Pumps and Pump Systems:	2.92	3.58
Power Factors and Power Factor Correction Equipment:	1.92	3.58
Geothermal Energy (i.e. heat pumps):	1.75	3.42
Energy Demand Response Programs:	2.50	3.42
Combined Heat and Power (Cogeneration) Systems:	1.58	3.25
National Grid Rebate Programs:	1.58	3.00
Rhode Island Energy Related Legislation:	1.42	3.00
Renewable Energy Financing Opportunities:	1.33	2.75
Hydroelectric Systems:	1.42	2.67
Vehicle/Fleet Energy Issues:	1.92	2.67
Carbon Trading Programs:	1.42	2.58

Workshop Assessment

Topic:	Goals	S	Collecting Data	g Data	Policy Statement	tement	Objectives and Targets	es and	Plan-Do-Act-	-Act-
Facility	Before	After	Before	After	Before	After	Before	After	Before	Affer
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Burrillville	3	4	4	4	2	ო	8	4	2	4
Bristol	3	4	က	4	က	4	က	4	1 60	4
Jamestown	-	3	1	4	_	4	2	5	2	. ഹ
	34	51	29	50	25	49	33	53	27	53
		-								
% Knowledge Improvements	33.33%	%	42.00%	%	48.98%	%	37.74%	%	49.06%	%



Guidebook Training Workshop April 1, 2009 Evaluation Form and Questionnaire For Wastewater Treatment Facilities Sustainable Energy Management

Bave Alucoin

Name

Title

EINV. Compience Tech.

Facility/Organization:

NBC

Please rate your current knowledge of and interest in	My current knowledge level	urrent	knov	vledge	level	My	inter	My interest in learning	learn	ing
the following topics:		of thi	of this topic is:	ic is:		mor	e abo	more about this topic is:	s topi	: is:
	Low	Low Medium	ediun		High	Low	\geq	Low Medium	4	High
The ENERGY STAR Benchmarking tool:	Θ	7	60	4	5	1	7	3	4	9
The ENERGY STAR Portfolio Manager:	1	(m	4	5	1	2	3	4	9
Variable Frequency Drives:	\bigcirc	7	60	4	5		7	60	4	60
Premium Energy Efficient Motors:	(Į)	2	3	4	5	-	7	m	4	(O)
Energy Efficient Pumps and Pump Systems:	Θ	2	3	4	S		2	c.	4	9
Energy Efficient Aeration Systems:	1	0	3	4	5	-	2	3	4	(%)
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Please rate your current knowledge of and interest in the following topics:	Мус		t knov is top	wledge oic is:	level		•	rest in out thi		
	Low	/ <u>N</u>	Mediu	m I	ligh_	Lov	v 1	Mediur	n _	High
Hydroelectric Systems:	1	2	3	4	5	1	2	3	4	(3)
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	(5)
Energy Demand Response Programs:	1	2	3	4	5	1	2	3	4	(5)
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	(5)
Carbon Trading Programs:	0	2	3	4	5	1	2	3	4	(5)
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	(5)
National Grid Rebate Programs:	1	②	3	4	5	1	2	3	4	3
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	(5)

		Room Lajout found that were least useful in the W	/orkshop?
	What were the 1-3 'take away'	points, insight, or lessons learned f	rom the Workshop?
	What could have made the Wo	rkshop more useful to you?	107 - 20 - 201 - 3
•	What, if anything, will you do	next as a result of this Workshop?	
•	What are 1-3 things you would	like to see happen as a result of this	s Workshop?
o 3	ou have any suggestion on how t	his program could be improved?	

Sustainable Energy Management For Wastewater Treatment Facilities **Guidebook Training Workshop** April 1, 2009 **Evaluation Form and Questionnaire**



Name	Cainene Gulcente
Title	Operations Manager
Facility/Organization:	Fields Paint WWTF - NBC

How would you assess:	BEFORE participating in this workshop	AFTER (as a result of) this workshop					
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High	Low Medium High					
1. Establishing Energy Management Goals:	1 2 3 4 5	1 2 (3) 4 5					
Collecting Information about Energy Use through Benchmarking and Audits:	1 2 (3) 4 5	1 2 (3) 4 5					
3. Developing an Energy Policy Statement:	(1) 2 3 4 5	1 2 (3) 4 5					
4. Establishing Energy Objectives and Targets:	1 2 (3) 4 5	1 2 3 (4) 5					
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 2 3 4 5	1 2 3 4 5					

Please rate your current knowledge of and interest in the following topics:	My c	of tl	t know is topi Aedium	c is:	My interest in learning more about this topic is: Low Medium High					
The ENERGY STAR Benchmarking tool:	1	(2)	3	4	High 5	1	2	3	(4)	5
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	2	3	4	(5)
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	5
Premium Energy Efficient Motors:	1	2	3	4	5	1	X	(3)	4	5
Energy Efficient Pumps and Pump Systems:	1	(2)	3	4	5	1	2	(3)	4	5
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	(3)	4	5
Energy Efficient Lighting:	1	2	3	4	5	1	2	(3)	4	5
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2	(3)	4	5
Wind Energy:	1	2	3	4	5	1	2	3	4	5
Solar Energy:	1	2	3	4	5	1	2	3	4	5
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	1	(2)	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	$\binom{2}{2}$	3	4	5

	ease rate your current knowledge of and interest in e following topics:	My cu	of th	knov is top	ic is:	level		re abo	rest in out this Medium	s topi	
H	ydroelectric Systems:	1	2	3	4	5	(1)	2	3	4	5
Eı	nergy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	(5)
Eı	nergy Demand Response Programs:	1	2	3	4	5	1	2	(3)	4	5
V	ehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	5
C	arbon Trading Programs:	1	/ 2	3	4	5	1	(2)	3	4	5
	enewable Energy Financing Opportunities (RECs, rants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	5
N	ational Grid Rebate Programs:	1	(2)	3	4	5	1	(2)	3	4	5
RI	node Island Energy Related Legislation:		2	3	4	5	1	2	3	4	5
1. 	What were the 1-3 'take away' points, insight, or le have to use the long the workshop more useful Music 'tows To' Wymmut	t useful t useful to you? to you? tis Wor	in the way was a constant of the constant of t	e Word from	m the	Works	shop?	ry	Jan		<u> </u>
D(o you have any suggestion on how this program could be	improve	ed?								



Name

Title

Facility/Organization: Parborough WASTELLATER TIP.

How would you assess:	BEFORE participating in this workshop	AFTER (as a result of) this workshop					
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High	Low Medium High					
1. Establishing Energy Management Goals:	1 2 3 4 5	1 2 3 4 5					
Collecting Information about Energy Use through Benchmarking and Audits:	1 2 3 4 5	1 2 3 4 5					
3. Developing an Energy Policy Statement:	1 (2) 3 4 5	1 2 3 4 5					
4. Establishing Energy Objectives and Targets:	1 (2) 3 4 5	1 2 (3) 4 5					
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 2 3 4 5	1 2 3 4 5					

Please rate your current knowledge of and interest in the following topics:	My	curren of th	t knov is top	_	level	My interest in learning more about this topic is:					
	Lo		1ediur		ligh	Low			ledium High		
The ENERGY STAR Benchmarking tool:	1	2	3	B	5	1	2	(3)	4	5	
The ENERGY STAR Portfolio Manager:	1	(2)	3	(A)	5	1	2	(3)	4	5	
Variable Frequency Drives:	1	2	3	(4)	5	1	2	3)	4	5	
Premium Energy Efficient Motors:	1	2	3	(4)	5	1	2	3	4	5	
Energy Efficient Pumps and Pump Systems:	1	2	3	4)	5	1	2	$\widehat{\mathfrak{g}}$	4	5	
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	3	(<u>a</u>)	5	
Energy Efficient Lighting:	1	D	3	4	5	1	2	3	(4)	5	
Power Factors and Power Factor Correction Equipment:	1	(2)	3	4	5	1	2	3	4	(5)	
Wind Energy:	1	2	3	4	5	1	2	3	4	(5)	
Solar Energy:	1	2	(3)	4	5	1	2	3	4	(3)	
Geothermal Energy (i.e. heat pumps):	1	(5)	3	4	5	1	2	3	4	(5)	
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4	(3)	

Please rate your current knowledge of and interest in the following topics:		it knov his top Mediu	oic is:	e level High	My interest in learning more about this topic is: Low Medium High						
Hydroelectric Systems:	1 2	3	4	5	1	2	3	4	5		
Energy Bills (Supply and Demand Costs):	1 (2)	3	4	5	1	2	3	4	5		
Energy Demand Response Programs:	1 2	3	4	5	1	2	3	4	5		
Vehicle/Fleet Energy Issues:	1 (2)	3	4	5	1	2	(3)	4	5		
Carbon Trading Programs:	1 (2)	3	4	5	1	2	<u>(3)</u>	4	5		
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1 2	3	4	5	1	2	(3)	4	5		
National Grid Rebate Programs:	1 ②	3	4	5	1	2	(3)	4	5		
Rhode Island Energy Related Legislation:	1 (2)	3	4	5	1	2	(3)	4	5		
What were the 1-3 things you found most useful in											
2. What were the 1-3 things you found that were <u>leas</u>	<u>t usetut</u> iii u	16 M O	TKSHO	ք։							
3. What were the 1-3 'take away' points, insight, or le					-	か	N tcx		770 ₀		
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3. What were the 1-3 'take away' points, insight, or le	to you?	<i>p</i> ?	K C		-	to .	NEX		770 ₀		
3. What were the 1-3 'take away' points, insight, or let the made the Workshop more useful 4. What could have made the Workshop more useful 5. What, if anything, will you do next as a result of the	to you? is Worksho as a result of	p?	<i>Æ</i> €6	shop?	58 7	***			770 ₁		
3. What were the 1-3 'take away' points, insight, or least the workshop more useful 4. What could have made the Workshop more useful 5. What, if anything, will you do next as a result of the workshop more useful 6. What are 1-3 things you would like to see happen a	to you? is Worksho as a result of	p?	<i>Æ</i> €6	shop?	58 7	***			7702		
3. What were the 1-3 'take away' points, insight, or least the workshop more useful 4. What could have made the Workshop more useful 5. What, if anything, will you do next as a result of the the workshop more useful 6. What are 1-3 things you would like to see happen a met with workshop more useful	to you? is Worksho as a result of	p?	<i>Æ</i> €6	shop?	58 7	***			770		

Sustainable Energy Management For Wastewater Treatment Facilities Guidebook Training Workshop April 1, 2009 Evaluation Form and Questionnaire



Name	Paul	М	Robertson

Title Plant Operator

Facility/Organization: James town Wastewater Facility

How would you assess:	BEFORE participating in this workshop	AFTER (as a result of) this workshop					
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High	Low Medium High					
1. Establishing Energy Management Goals:	1 2 3 4 5	1 2 3 4 5					
Collecting Information about Energy Use through Benchmarking and Audits:	1 (2) 3 4 5	1 2 3 4 5					
3. Developing an Energy Policy Statement:	1 2 3 4 5	1 2 (3) 4 5					
4. Establishing Energy Objectives and Targets:	1 2 3 4 5	1 2 3 4 5					
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 2 3 4 5	1 2 3 4 5					

Please rate your current knowledge of and interest in the following topics:		of t	nt know his topi	c is:	•	My interest in learning more about this topic is:					
	Lov	<u>v</u>	Medium	l	High	Low Medium High					
The ENERGY STAR Benchmarking tool:	1) 2	3	4	5	1	2	3	4	5	
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	2	3	4	5	
Variable Frequency Drives:	1	2	3	4	5	1	2	3 (4	5	
Premium Energy Efficient Motors:	1	2	3	4	5	1	2	3 (4)	5	
Energy Efficient Pumps and Pump Systems:	1	2	(3)	4	5	1	2	3 (4)	5	
Energy Efficient Aeration Systems:	1	2	(3)	4	5	1	2	3	4 (3	
Energy Efficient Lighting:	1	2	(3)	4	5	1	2	3	4 ((3)	
Power Factors and Power Factor Correction Equipment:		2	3	4	5	1	2	3 (4)	5	
Wind Energy:	1	2) 3	4	5	1	2	3	4 (5)	
Solar Energy:	1	2) 3	4	5	1	2	3	4 (5)	
Geothermal Energy (i.e. heat pumps):	1	(2)	3	4	5	1	2	3	4 (5)	
Combined Heat and Power (Cogeneration) Systems:		2	3	4	5	1	2	3	4 (3	

	Please rate your current knowledge of and interest in the following topics:		0	f th	is top	ic is:	e level	mo	re ab	rest in	s top	ic is:
	Hydroelectric Systems:	Lo	۲	2	lediur 3	n . 4	High 5	Lov 1	2	Mediun 3	4	High 5
	Energy Bills (Supply and Demand Costs):	1	(2)	3	4	5	1	2	3	4	ري
•	Energy Demand Response Programs:	1		2 2	3	4	5	1	2	3 (4) 5
	Vehicle/Fleet Energy Issues:	1		2)	3	4	5	1	2	3	4	5
	Carbon Trading Programs:) :	2	3	4	5	1	2	3	4	5
	Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):) ;	2	3	4	5	1	2		4	5
	National Grid Rebate Programs:) ;	2	3	4	5	1	2	3	4	(5)
	Rhode Island Energy Related Legislation:	(1)) :	2	3	4	5	1	2	3	4	(5)
	·											
3	1. What were the 1-3 things you found most useful in					,			^			
1	Current energy programs - Energ	34 Cc	<u>)</u>	5 <u>2</u> 4	va	ron q	orage	ains	<u>- (</u>	Uner	te Kn	mergy light
2	2. What were the 1-3 things you found that were <u>leas</u>	•					-		,	CCT	וושוע	ngies .
)			ı									
ָ כ	3. What were the 1-3 'take away' points, insight, or le	essons	lea	rne	d fro	m the	Works	shop?				
ר נ	4. What could have made the Workshop more useful More information about every calculate	•		γ <u>1</u>	tem:	plate	s/in	eb si	les			
2	5. What, if anything, will you do next as a result of the	is Wo	rks	hop	?							
	Pursue energy saving opportunities	5 W	14		<u> </u>	emp	loyer			·		
5	6. What are 1-3 things you would like to see happen a	as a re	sult	of	this V	Vorks	shop?					
4	Future informational meetings. current o	went	S,	Q a	ant	ts, 1	Sew t	ec hno	logics		.	
ζ	-			J					J			
ſ	Do you have any suggestion on how this program could be	impro	ved'	?								
L									_			
1									_			
)												
)	<u> </u>											
						·			_			



Name

DAVID CHORLTON

Title

ELECT/INSTR SPECIALIST

Facility/Organization: WEST WARWICK WASTE TREATMENT

How would you assess:	BEFORE participating in this workshop	AFTER (as a result of) this workshop
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High	Low Medium High
1. Establishing Energy Management Goals:	1 2 3 7 5	1 2 3 4 5
Collecting Information about Energy Use through Benchmarking and Audits:	(Î) 2 3 4 5	1 2 3 4 5
3. Developing an Energy Policy Statement:	1 (2) 3 4 5	1 2 3 4 5
4. Establishing Energy Objectives and Targets:	1 2 3 4 5	1 2 3 4 5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 2 3 4 5	1 2 3 4 5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is: Low Medium High					My interest in learning more about this topic is: Low Medium High						
The ENERGY STAR Benchmarking tool:	1	2	3	4	5	1	2	3	4	5		
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	(2)	3	4	5		
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	5		
Premium Energy Efficient Motors:	1	2	3	4	5	1	2	3	4	5		
Energy Efficient Pumps and Pump Systems:	1	2	(3)	4	5	1	2	3	4	5		
Energy Efficient Aeration Systems:	1	2	3	<u>(4')</u>	5	1	2	3	4	5		
Energy Efficient Lighting:	1	2	3	4	(5)	1	2	3	4	3		
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2	3	4	5		
Wind Energy:	<u>(1)</u>	2	3	4	5	1	2	3	4	5		
Solar Energy:		2	3	4	5	1	2	3	4	5		
Geothermal Energy (i.e. heat pumps):		2	3	4	5	1	2	3	4	5		
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4	5		

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is: Low Medium High						My interest in learning more about this topic is: Low Medium High						
II. de al actui a Cantana.	Lov	v	3	4	High 5	1	2	3					
Hydroelectric Systems:	1					<u> </u>			4				
Energy Bills (Supply and Demand Costs):	1	2	3	4	/ 5	1	2	3	/4	5			
Energy Demand Response Programs:	1	2	3	/4	5	1	2	3/	4	5			
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	/ 3	4	5			
Carbon Trading Programs:	1	2	/ 3	4	5	1	/2	3	4	5			
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	/2	3	4	5	1	2	3	4	5			
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5			
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	5			

		<u>, , , , , , , , , , , , , , , , , , , </u>		_						
RI	node Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4
1.	What were the 1-3 things you found most useful in	n the W	orksh	op?						
2.	What were the 1-3 things you found that were <u>leas</u>	t usefu	<u>l</u> in th	e Wo	rkshoj	o?.				
3.	What were the 1-3 'take away' points, insight, or l	essons	learne	ed from	m the	Work	shop?			
4.	What could have made the Workshop more useful	to you	?							
5.	What, if anything, will you do next as a result of the	nis Wo	rkshoj	 p?						
6.	What are 1-3 things you would like to see happen	as a res	sult of	this V	Vorks	hop?				
Do	you have any suggestion on how this program could be	-						_		
								_ _ _		

Sustainable Energy Management For Wastewater Treatment Facilities Guidebook Training Workshop April 1, 2009



Evaluation Form and Questionnaire

Name	PETER ELONIDGE
Title	Siperin record
Facility/Organization:	W. WARWICK WUTK

How would you assess:	ng in	AFTER (as a result of) this workshop								
Your AWARENESS or UNDERSTANDING of ways to do the following:	Lo	w	Mediun	n	High	Low	.]	Mediur	n	High
1. Establishing Energy Management Goals:	1	2	3	4	5	1	2	3	4	5
Collecting Information about Energy Use through Benchmarking and Audits:	1	0	3	4	5	1	2	3	4	3
3. Developing an Energy Policy Statement:	1	2	3	4	5	1	2	3	4	(5)
4. Establishing Energy Objectives and Targets:	1	2	3	4	5	1	2	3	4	(5)
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	3	4	.5	1	2	3	4	3

Please rate your current knowledge of and interest in the following topics:	My	urren of th	t knov	-	My interest in learning more about this topic is:					
	Low Medium High						Medium High			
The ENERGY STAR Benchmarking tool:	(1)	2	3	4	5	1	2	3	4	(3)
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	2	3	4	B
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	(3)
Premium Energy Efficient Motors:	1	2	3	4	5	1	2	3	4	(3)
Energy Efficient Pumps and Pump Systems:	1	2	3	4	5	1	2	3	4	<u>(5)</u>
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	3	4	(3)
Energy Efficient Lighting:	1	2	3	(4)	5	1	2	3	4	(3)
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2	3	4	(3)
Wind Energy:	1	2	3	4	5	1	2	3	4	(3)
Solar Energy:	1	2	3	4	5	1	2	3	4	(3)
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	1	2	3	4	(3)
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4	(5)

Please rate your current knowledge of and interest in the following topics:	1 My C	of th	t know iis topi Aedium	ic is:	e level High		re ab	rest in out th	is top	_
Hydroelectric Systems:	0	2	3	4	5	1	2	3	4	چ
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	(5)
Energy Demand Response Programs:	1	2	3	4	O	1	2	3	4	3
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	3
Carbon Trading Programs:	1	<u>(2)</u>	3	4	5	1	2	3	4	(5)
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	(5)
National Grid Rebate Programs:	1	2	<u> </u>	4	5	1	2	3	4	(5)
Rhode Island Energy Related Legislation:	1	②	3	4	5	1	2	3	4	(5)
 2. What were the 1-3 things you found that were le 3. What were the 1-3 'take away' points, insight, o 						hop?			_	
4. What could have made the Workshop more usef	ful to you	ı?								
5. What, if anything, will you do next as a result of	f this Wo	rkshoj	o?							
6. What are 1-3 things you would like to see happe	en as a res	sult of	this W	Vorks	hop?			·		
			 –							

Do you l	nave any sugg	estion on how t	his program c	ould be impro	oved?		
							
							
			<u>.</u>	····			
			 	-		 	

Sustainable Energy Management For Wastewater Treatment Facilities **Guidebook Training Workshop April 1, 2009 Evaluation Form and Questionnaire**



Janine Burke Name

Title

Executive Director Warwick Sewer Authority Facility/Organization:

How would you assess:	BEFORE participating in this workshop	AFTER (as a result of) this workshop
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High	Low Medium High
Establishing Energy Management Goals:	1 2 3 4 5	1 2 3 4 5
Collecting Information about Energy Use through Benchmarking and Audits:	1 2 3 4 5	1 2 3 4 5
3. Developing an Energy Policy Statement:	1 (2) 3 4 5	1 2 (3) 4 5
4. Establishing Energy Objectives and Targets:	1 (2) 3 4 5	1 2 (3) 4 5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 2 (3) 4 5	1 2 3 4 5

Please rate your current knowledge of and interest in the following topics:	My		nt know his topi	_		•	erest in		ر ح	
	Lo	w	Mediun	1	Lov	Low Medium High				
The ENERGY STAR Benchmarking tool:	(1)	2	3	4	5	1	2	3	4	(5)
The ENERGY STAR Portfolio Manager:		2	3	4	5	1	2	3	4	(5)
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	5
Premium Energy Efficient Motors:	1	2) 3	4	5	1	2	3	4	5
Energy Efficient Pumps and Pump Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Lighting:	1	2	3	4	5	1	2	3	4	5
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2.	3 (4	5
Wind Energy:	1	2	3	4	5	1	2	3	4	5
Solar Energy:	1	2	3	4	5	1	2	3	4	5
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	1	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	2	3	4	5	1	2	3	4) 5

Please rate your current knowledge of and interest in the following topics:		of t	nt knov	ic is:		mo	re ab	out th	learn	e is:
Hydroelectric Systems:	Lov 1	$\frac{v}{\sqrt{2}}$	Mediun 3	n . 4	High 5	Lov 1	v 1	Mediu 3	$\frac{\text{m}}{4}$	ligh 5
Energy Bills (Supply and Demand Costs):	1	<u>رمی</u> 2	(3)	4	5	1	2	3	4	5
Energy Demand Response Programs:	1	2	(3)	4	5	1	2	~	4	
·			$\stackrel{\sim}{\sim}$					$\frac{3}{3}$		5
Vehicle/Fleet Energy Issues:	1	2	(3)	4	5	1	2	<u>(3)</u>	4	5
Carbon Trading Programs:	1	2	(3)	4	5	1	2	3	4	(5)
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	(3)	4	5	1	2	3	4	5
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5
Rhode Island Energy Related Legislation:	1	2	(3)	4	5	1	2	3	(4)	5
4. What could have made the Workshop more useful	to you	?		***************************************						
5. What, if anything, will you do next as a result of the	nis Wo	rksho	 pp?							
6. What are 1-3 things you would like to see happen			f this V		-					
Do you have any suggestion on how this program could be	improv	red?					_			
							_			



N	_	•	
IN	Я	m	ıe.

RICHARD ESTEN

Title

DEPUTY DIRECTOR UTILITIES - FINANCE

Facility/Organization: CITY OF NEW PORT

How would you assess:	BEFORE participating in this workshop	AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High	Low Medium High				
1. Establishing Energy Management Goals:	1 2 3 4 5	1 2 3 4 5				
Collecting Information about Energy Use through Benchmarking and Audits:	1 (2) 3 4 5	1 2 3 4 5				
3. Developing an Energy Policy Statement:	1 (2) 3 4 5	1 2 3 4 5				
4. Establishing Energy Objectives and Targets:	1 (2) 3 4 5	1 2 3 4 5				
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 (2) 3 4 5	1 2 3 4 5				

Please rate your current knowledge of and interest in the following topics:	My o	My current knowledge level of this topic is: Low Medium High				My interest in learning more about this topic is: Low Medium High				
The ENERGY STAR Benchmarking tool:	1	2	3	4	High 5	1	$\frac{\sqrt{2}}{\sqrt{2}}$	iediur 3	n 4	High 5
The ENERGY STAR Portfolio Manager:		2	3	4	5	1	0	3	4	5
Variable Frequency Drives:	1	②	3	4	5	1	<u>(2)</u>	3	4	5
Premium Energy Efficient Motors:	1	3	3	4	5	1	<u>(2)</u>	3	4	5
Energy Efficient Pumps and Pump Systems:	0	2	3	4	5	(1)	2	3	4	5
Energy Efficient Aeration Systems:	0	2	3	4	5	Q	2	3	4	5
Energy Efficient Lighting:	1	(2)	3	4	5	1	(2)	3	4	5
Power Factors and Power Factor Correction Equipment:	0	2	3	4	5	0	2	3	4	5
Wind Energy:	1	2	3	4	5	1	6	3	4	5
Solar Energy:	0	2	3	4.	5	1	<u>(2)</u>	3	4	5
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	(1)	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	(2)	3	4	5	1	2	3	4	5

Back

My current knowledge level

of this topic is:

My interest in learning

more about this topic is:

High

Please rate your current knowledge of and interest in

the following topics:

Sustainable Energy Management For Wastewater Treatment Facilities **Guidebook Training Workshop** April 1, 2009



Evaluation Form and Questionnaire

N	am	e
N	am	e

Name

// Asilios Harrifos

Title

Tacility Engineer

Facility/Organization: Quantet Water / Wasterwarfer

How would you assess:	BEFORE participating in this workshop	AFTER (as a result of) this workshop				
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High	Low Medium High				
1. Establishing Energy Management Goals:	1 2 3 4 5	1 2 3 4 5				
Collecting Information about Energy Use through Benchmarking and Audits:	1 2 3 4 5	1 2 (3) 4 5				
3. Developing an Energy Policy Statement:	1 2 3 4 5	1 2 3 4 5				
4. Establishing Energy Objectives and Targets:	1 (2) 3 4 5	1 2 3 3 5				
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 (2) 3 4 5	1 2 3 4 5				

Please rate your current knowledge of and interest in the following topics:		My current knowledge level of this topic is: Low Medium High			My interest in learning more about this topic is: Low Medium High					
The ENERGY STAR Benchmarking tool:	1	0	3	4	5	1	2	3	(D)	<u></u>
The ENERGY STAR Portfolio Manager:	1	(2)	3	4	5	1	2	3	4)	5
Variable Frequency Drives:	1	2	3	4	5	1	2	3	4	5
Premium Energy Efficient Motors:	1	2	3	4)	5	1	2	3	4	5
Energy Efficient Pumps and Pump Systems:	1	2	(3)) 4	5	1	2	(3)	4	5
Energy Efficient Aeration Systems:	1	2	(3)	4	5	1	2	3	4	5
Energy Efficient Lighting:	1	2	3	4	5	1	2	3	4	5
Power Factors and Power Factor Correction Equipment:	1	2	(3)	4	5	1	2	$\overline{(3)}$	4	5
Wind Energy:	1	2	(3)	4	5	1	2	3	4	5
Solar Energy:	1	2	(3)	4	5	1	2	(3)	4	5
Geothermal Energy (i.e. heat pumps):	1	2	(3)	4	5	1	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	2	(3)	4	5	1	2	3	4	5

Please rate your current knowledge of and interest in the following topics:	My current knowledge level of this topic is: Low Medium High	My interest in learning more about this topic is: Low Medium High						
Hydroelectric Systems:	Low Medium High 1 2 (3) 4 5	Low Medium High 1 2 3 4 5						
Energy Bills (Supply and Demand Costs):	1 2 (3) 4 5	1 2 3 4 5						
Energy Demand Response Programs:	1 2 (3) 4 5	1 2 3 (1) 5						
Vehicle/Fleet Energy Issues:	1 2 (3) 4 5	1 2 3 4 5						
Carbon Trading Programs:	1 2 3 4 5	1 2 3 4 5						
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1 2 (3) 4 5	1 2 3 4 5						
National Grid Rebate Programs:	1 2 (3) 4 5	1 2 3 4 5						
Rhode Island Energy Related Legislation:	1 2 (3) 4 5	1 2 3 4 5						
What were the 1-3 things you found most useful in	n the Workshop?	· · · · · · · · · · · · · · · · · · ·						
2. What were the 1-3 things you found that were leas 3. What were the 1-3 'take away' points, insight, or 1		hop?						
 4. What could have made the Workshop more useful 5. What, if anything, will you do next as a result of the 								
6. What are 1-3 things you would like to see happen as a result of this Workshop?								
Do you have any suggestion on how this program could be Round Table Meef; 75 # In Fount ine on in	would be ve	ng biel, fall						
		<u> </u>						



N	๋ฉท	ne
1.4	41	пс

Name

ROB MOZTIN

Title

FACILITY MANAGER

Facility/Organization: Q.O.C.

How would you assess:	BEFORE participating in this workshop AFTER (as a result of) this workshop
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High Low Medium High
1. Establishing Energy Management Goals:	1 2 3 4 5 1 2 3 5 5
Collecting Information about Energy Use through Benchmarking and Audits:	1 2 3 4 5 1 2 3 4 5
3. Developing an Energy Policy Statement:	1 2 3 4 5 1 2 3 5
4. Establishing Energy Objectives and Targets:	1 2 6 4 5 1 2 3 4 5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 ② 3 4 5 1 2 3 ④ 5

Please rate your current knowledge of and interest in the following topics:		My current knowledge level of this topic is: Low Medium High					My interest in learning more about this topic is: Low Medium High					
The ENERGY STAR Benchmarking tool:	1	0	3	4	5	1	2	3	4	3		
The ENERGY STAR Portfolio Manager:	1	0	3	4	5	1	2	3	4	5		
Variable Frequency Drives:	1	Ø	3	4	5	1	2	3	D	5		
Premium Energy Efficient Motors:	1	Ø	3	4	5	1	2	3	4	(P)		
Energy Efficient Pumps and Pump Systems:	1	3	3	4	5	1	2	3	4	Ø		
Energy Efficient Aeration Systems:	1	Ø	3	4	5	1	2	3	(4)	5		
Energy Efficient Lighting:	1	3	3	4	5	1	2	3	4	3		
Power Factors and Power Factor Correction Equipment:	1	0	3	4	5	1	2	3	4	(3)		
Wind Energy:	1	0	3	4	5	1	2	3	4	(3)		
Solar Energy:	1	(3	3	4	5	1	2	3	4	(5)		
Geothermal Energy (i.e. heat pumps):	1	(2)	3	4	5	1	2	3	4	(3)		
Combined Heat and Power (Cogeneration) Systems:	1	(2)	3	4	5	1	2	3	. 4	6		

Please rate your current knowledge of and interest in the following topics:	Мус	My interest in learning more about this topic is:								
	Low	N	<u> Iedium</u>	ı I	ligh	Low	/ N	Mediu	m I	Iigh
Hydroelectric Systems:	1	2	3	4	5	1	2	3	\bigcirc	5
Energy Bills (Supply and Demand Costs):	1	2	3	4	5	1	2	3	4	5
Energy Demand Response Programs:	1	2	3	4	5	1	2	3	4	5
Vehicle/Fleet Energy Issues:	1	2	(3)	4	5	1	2	3	4	5
Carbon Trading Programs:	1	2	3	4	5	1	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	(5
National Grid Rebate Programs:	0	2	3	4	5	1	2	3	4	3
Rhode Island Energy Related Legislation:	B	2	3	4	5	1	2	3	4	3

1.	What	were the 1-3 things you fo	ound most useful in the Workshop?	
G	ROUP	PARTICAPATION	EVERCISE - TRIP	SLIDE SHOW
	•	•	ound that were <u>least useful</u> in the Wo	
3.	What	were the 1-3 'take away'	points, insight, or lessons learned from	om the Workshop?
4.	What	could have made the Wor	rkshop more useful to you?	
5.	What,	if anything, will you do r	next as a result of this Workshop?	
6.	What	are 1-3 things you would	like to see happen as a result of this	Workshop?
Do	you ha	ve any suggestion on how th	nis program could be improved?	
	-			
				



Name

John Martin

Title

Facility/Organization: Buzzi Huille Sewer

How would you assess:	BEFORE participating in this workshop	AFTER (as a result of) this workshop
Your AWARENESS or UNDERSTANDING of ways to do the following:	Low Medium High	Low Medium High
1. Establishing Energy Management Goals:	1 2 3 4 5	1 2 3 4 5
Collecting Information about Energy Use through Benchmarking and Audits:	1 2 3 4 5	1 2 3 4 5
3. Developing an Energy Policy Statement:	1 2 3 4 5	1 2 3 4 5
4. Establishing Energy Objectives and Targets:	1 2 3 4 5	1 2 3 4 5
5. Using a Plan-Do-Check-Act Energy Management System Approach:	1 2 3 4 5	1 2 3 4 5

Please rate your current knowledge of and interest in the following topics:	My	curren of tl	t knov iis top	_	level	1	•		ı learni is topic	_
	Lo		Mediur		ligh	Lo		Mediu		ligh
The ENERGY STAR Benchmarking tool:	1	2	3	4	5	1	2	3	4)	5
The ENERGY STAR Portfolio Manager:	1	2	3	4	5	1	2	3	(4)	5
Variable Frequency Drives:	1	2	3	4)	5	1	2	3	4	5
Premium Energy Efficient Motors:	1	2	3	4)	5	1	2	3	(4)	5
Energy Efficient Pumps and Pump Systems:	1	2	3	4)	5	1	2	3	4)	5
Energy Efficient Aeration Systems:	1	2	3	4	5	1	2	3	4	5
Energy Efficient Lighting:	1	2	3	4	5	1	2	3	4	5
Power Factors and Power Factor Correction Equipment:	1	2	3	4	5	1	2	3	(4)	5
Wind Energy:	1	2	3	4	5	1	2	(3)	4	5
Solar Energy:	1	2	3	4	5	1	2	3	4	5
Geothermal Energy (i.e. heat pumps):	1	2	3	4	5	1	2	3	4	5
Combined Heat and Power (Cogeneration) Systems:	1	(2)	3	4	5	1	(2)	3	4	5

Please rate your current knowledge of and interest in the following topics:		of t	it knov his top	ic is:		mo	y inter re abo	out thi	s topic	c is:
Uvdroalaatria Systems	Lo 1	$\frac{\mathbf{w}}{2}$	Mediur	n H	ligh 5	Lov 1	$\frac{\mathbf{v} \mathbf{N}}{2}$	1ediun 3	n I 4	ligh 5
Hydroelectric Systems:	+	2	~\\				2			
Energy Bills (Supply and Demand Costs):	1		3)	4	5	1		(3)	4	
Energy Demand Response Programs:	1	2	3	4)	5	1	2	3	(4)	5
Vehicle/Fleet Energy Issues:	1	2	(3)	4	5	1	2	(3)	. 4	5
Carbon Trading Programs:	1	2	3	4	5	1	(2^3)	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	(2)	3	4	5
National Grid Rebate Programs:	1	(2)	3	4	5	1	(2)	3	4	5
Rhode Island Energy Related Legislation:	1	(2)	3	4	5	1	(2)	3	4	5
2. What were the 1-3 things you found that were <u>leas</u>	st usef	ul in tl	 ne Wo	rkshop	?					
3. What were the 1-3 'take away' points, insight, or	lesson	s learn	ed from	m the	Works	shop?				
4. What could have made the Workshop more useful										
5. What, if anything, will you do next as a result of t	his Wo	orksho	p?	100						
6. What are 1-3 things you would like to see happen	as a re	sult o	f this V	Vorksl	nop?					



Name

MAttlew A. Calderisa

Title

Facility/Organization: SR(sh)

Ho	ow would you assess:	BEFO this w	ng in	AFTER (as a result of) the workshop							
	our AWARENESS or UNDERSTANDING of ways to do e following:	Low		Medium		High	Low		Mediu	m]	High
1.	Establishing Energy Management Goals:	1	2	3	4	5	1	2	3	4	5
2.	Collecting Information about Energy Use through Benchmarking and Audits:	1	2	(3)	4	5	1	2	3	4	5
3.	Developing an Energy Policy Statement:	1	2	(3)	4	5	1	2	3	4	5
4.	Establishing Energy Objectives and Targets:	1	2	(3)	4	5	1	2	. 3	4	5
5.	Using a Plan-Do-Check-Act Energy Management System Approach:	1	2	(3)	4	5	1	2	3	(4) 5

Low	of thi	s top	wledge l ic is:	ievei			rest in	iearni	nσ		
Low		_	ic is:		My interest in learning more about this topic is:						
Low 1	· M				_			_			
1	_	ediur	n H	igh	Low		Mediun	<u> H</u>	ligh		
1	(2)	3	4	5	1	2	(3)	4	5		
1	2	3	4	5	1	2	<u>(3)</u>	4	5		
1	2	3	4	5	1	2	3	<u>(4)</u>	5		
1	2	3	4	5	1	2	3	4	5		
1	2	3	4	5	1	2	3	(4)	5		
1	2	(3)	4	5	1	2	3	4	5		
1	2	3	<u>(4)</u>	5	1	2	3	4	5		
(1)	2	3	4	5	1	2	3	4	5		
1	2	3	4	5	1	2	3	4	5		
1	2	3	4	5	1	2	3	4	5		
(1)	2	3	4	5	$\widehat{(1)}$	2	3	4	5		
$\widetilde{1}$	2 .	3	4	5	(1)	2	3	4	5		
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Please rate your current knowledge of and interest in the following topics:	My cı		nt know his topi		My interest in learning more about this topic is:					
	Low		Medium	ı H	ligh	Low]	Medium	ı Î	High
Hydroelectric Systems:		2	3	4	5		2	3	4	5
Energy Bills (Supply and Demand Costs):	1	2	(3)	4	5	1	2	3	(4)	5
Energy Demand Response Programs:	1	2	3	(4)	5	1	2	3	(4)) 5
Vehicle/Fleet Energy Issues:	1	2	3	4	5	1	2	3	4	5
Carbon Trading Programs:	1	2	3	4	5	1	2	3	4	5
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4	5
National Grid Rebate Programs:	1	2	3	4	5	1	2	3	4	5
Rhode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	4	5

	newable Energy Financing Opportunities (RECs, ants, Tax Credits, etc.):	1	2	3	4	5	1	2	3	4
Na	tional Grid Rebate Programs:	1	2	3	4	5	1	2	3	2
Rh	ode Island Energy Related Legislation:	1	2	3	4	5	1	2	3	
1.	What were the 1-3 things you found most useful i	n the W	orksh/	юр?						
2.	What were the 1-3 things you found that were <u>lea</u>	st usefu	ı <u>l</u> in th	 ne Wo	rkshoj	p?				-
3.	What were the 1-3 'take away' points, insight, or	lessons	learn	ed fro	m the	Works	shop?			
4.	What could have made the Workshop more useful	l to you	.?							
5.	What, if anything, will you do next as a result of t	his Wo	rksho	— - p?						
6.	What are 1-3 things you would like to see happen	as a res	sult of	f this V	Works	hop?				
Do	you have any suggestion on how this program could be	e improv	ed?							
	·		· · ·							



Name

Douglas Ovellette

Title

Facility/Organization: James Town WWT-

Но		E par shop	ticipa	tin	g in	AFTER (as a result of workshop						
	our AWARENESS or UNDERSTANDING of ways to do following:	Low	7	Med	lium]	High	Low	1	Mediun	n I	ligh
1.	Establishing Energy Management Goals:	(1)	2	:	3	4	5	1	2	(3)	4	5
2.	Collecting Information about Energy Use through Benchmarking and Audits:	()	2		3	4	5	1	2	3	4	5
3.	Developing an Energy Policy Statement:	(1)	2		3	4	5	1	2	3	(4)	5
4.	Establishing Energy Objectives and Targets:	1	(2) :	3	4	5	1	2	3	4	(5)
5.	Using a Plan-Do-Check-Act Energy Management System Approach:	1	(2) :	3	4	5	1	2	3	4	(5)

Please rate your current knowledge of and interest in the following topics:	My cu		nt know his topi	_	•			rest in out thi			
	Low		Medium	ι	Low		Medium High				
The ENERGY STAR Benchmarking tool:	(1)	2	3	4	5	1	2	3	4	(5)	
The ENERGY STAR Portfolio Manager:	(1)	2	3	4	5	1	2	3	4	<u>(3)</u>	
Variable Frequency Drives:	1	2	(3)	4	5	1	2	3	4	(5)	
Premium Energy Efficient Motors:	1	2	(3)	4	5	1	2	3	4	(5)	
Energy Efficient Pumps and Pump Systems:	1	2	(3)	4	5	1	2	3	4	(5)	
Energy Efficient Aeration Systems:	1	2	(3)	4	5	1	2	3	4	(5)	
Energy Efficient Lighting:	1	2	(3)	4	5	1	2	3	4	(5)	
Power Factors and Power Factor Correction Equipment:	(1)	2	3	4	5	1	2	3	4	3	
Wind Energy:	(1)	2	3	4	5	1	2	3	4	(5)	
Solar Energy:	(1)	2	3	4	5	1	2	3	4	(5)	
Geothermal Energy (i.e. heat pumps):	(1)	2	3	4	5	1	2	3	4	(5)	
Combined Heat and Power (Cogeneration) Systems:	(1)	2	3	4	5	1	2	3	4	(5)	

Please rate your current knowledge of and interest in the following topics:	My cu	of tl	his top	ic is:	My interest in learning more about this topic is:						
•	Low		Mediur		High	Low		Medium	1	High	
Hydroelectric Systems:	(1)	2	3	4	5	1	2	(3)	4	5	
Energy Bills (Supply and Demand Costs):	(1)	2	3	4	5	1	2	3	4	(3	
Energy Demand Response Programs:		2	3	4	5	1	2	3	4	(5	
Vehicle/Fleet Energy Issues:	(1)	2	3	4	5	1	2	(3)	4	5	
Carbon Trading Programs:	(1)	2	3	4	5	1	2	(3)	4	5	
Renewable Energy Financing Opportunities (RECs, Grants, Tax Credits, etc.):		2	3	4	5	1	2	3	4	(3	
National Grid Rebate Programs:	(1)	2	3	4	5	1	2	3	4	(5	
Rhode Island Energy Related Legislation:	(1)	2	3	4	5	1	2	3	4	(5	

National Grid Rebate Programs:	$\left \begin{pmatrix} 1 \end{pmatrix} \right $	2	3	4	5	1	2	3	4	(
Rhode Island Energy Related Legislation:	(1)	2	3	4	5	1	2	3	4	(
1. What were the 1-3 things you found most useful	in the W	orkah	on?							
How important it is to			-	vz.	ene	<u> </u>	1/6	2 <u>l</u>		
2. What were the 1-3 things you found that were <u>lea</u>				7		20	7			
3. What were the 1-3 'take away' points, insight, or						-				
Thats shier are alot of ?	Zesov	ce	<u>ov</u>	bel	sere	to	SV	كا		
4. What could have made the Workshop more useful	ıl to you?	•								
5. What, if anything, will you do next as a result of	this Wor	kshop	 o?				****			
6. What are 1-3 things you would like to see happen	as a res	ult of	this V	Vorks	hop?					
Do you have any suggestion on how this program could be to all good of have	-		el =	the	- M	Bec	b			
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